

STATE OF CALIFORNIA

CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification

Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
1001 I Street, (MS-25)
PO Box 4025
Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.

1. Use a recent generation-based study to calculate our current reporting year generation amount, but not officially change our existing Board-approved base year.
 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.

The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative by calling (916) 341-6199.

Section I: Jurisdiction Information and Certification

All respondents must complete this section.

I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:

Jurisdiction Name	County Ventura		
Ventura County - Unincorporated			
Authorized Signature	Title	Manager, Information and Technology Division	
Type/Print Name of Person Signing	Date	Phone () Include Area Code	
Gerard Kapuscik	12/31/2001	(805) 648-9241	
Person Completing This Form (please print or type)	Title	Analyst	
David Goldstein			
Affiliation:	Ventura County Solid Waste Management Department		
Mailing Address	City	State	ZIP Code
800 S. Victoria Ave. # 1650	Ventura	CA	93009
E-Mail Address	david.goldstein@mail.co.ventura.ca.us		

Section II: Information for New Generation-Based Study for Existing or New Base Year

Attach additional sheets if necessary—reference each response to the appropriate cell number (e.g., "4").

Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base year: _____

2. Proposed new generation-based study year: _____

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

4. Enter diversion rate information below.

Diversion rate calculated using existing base year	a. 29 %	Diversion rate calculated using new generation-based study	b. 59 %
For existing base year pounds/person/day based on generation	10	For new generation based study pounds/person/day based on generation	15
Residential generation 47 % Non-Residential generation 53 %		Residential generation 34% % Non-Residential generation 66% %	
Population existing generation-based study	86520	Population new generation-based study	93600

5. If there is an increase from 4a to 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples (e.g., change in jurisdiction's demographics).

The diversion rate is significantly higher due primarily to four factors. First, the Ventura County Solid Waste Management Department (SWMD) measured many more elements of the waste stream than in previous reports. Second, the rules for quantifying restricted wastes, including inert material, have changed since the previous SWMD study. Third, the SWMD was able to document misallocations and make corrections to figures previously reported through the Disposal Reporting System (DRS). Finally, the SWMD has implemented and expanded many diversion programs since the previous base year quantification. These factors are detailed in the following question (#6), and program improvements, expansions, and initiatives are detailed in the PARIS program descriptions.
see attached sheet (5. continued)

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

The diversion rate in our year 2000 Annual Report is significantly different from our previous annual reports, which involved more limited measurements. Using the Diversion Study Guide, we measured more elements of our waste stream, and measured them more accurately than ever before.

Additionally, for the first time, the Ventura County Solid Waste Management Department (SWMD) was able to obtain from disposal facilities lists of tons per customer per quarter. This enabled us to analyze many aspects of waste flow and discover several discrepancies. The major issues we discovered involved differences between hauler's quarterly reports to the SWMD and facilities' quarterly reports of tonnage received from haulers. Using these data, we were able to determine several misallocations, involving tens of thousands of tons (both diversion and disposal) incorrectly attributed to the unincorporated

The difference between the t

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7. Disposal Tonnage (enter values):	36096	Residential	69697	Non-Residential	Total	105793
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Please select the **ONE** choice below that best explains your disposal data and complete the required tables.

a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at www.ciwmib.ca.gov/LGCentral/Forms/yrnmndrq.doc)

c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at www.ciwmib.ca.gov/LGCentral/Forms/yrnmndrq.doc)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. **Note:** The Board expects the *junk/dicitions* to be able to provide all back-up documentation, if requested. Include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, agricultural wastes, inert solids [e.g., concrete, asphalt, dirt,] white goods, and scrap metal, please identify those programs/waste types and fill out Section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed Non-Residential waste information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific Material Type(s) (List operation, recyclable materials in one box)	Special Conservation Factor Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.ciwmib.ca.gov/LGCentral/PartsCo/des/Reduce.htm	(4)	(4)	(4)	(4)	(4)
Residential Source Reduction Activities					
Backyard composting	1017	0.0%	Yardwaste	287.72 lbs per year of grass and leaves per single-family household based on 27,024 single-family households (1998) and 4,023 tons of leaves and grass in UVC (1999) on CIWMB web site.	Green waste exemption forms on file at the BCSWMD. This figure included totals for only the 721 residents who have obtained an exemption from yard waste collection service. It does not include backyard composting done by residents who still subscribe to curbside yardwaste collection service.
Grasscycling	0	0.0%			
Other Residential Source Reduction (List each program separately)					
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Enter program name		0.0%			
Subtotal, Residential Source Reduction	1017	0.0%			
Residential Recycling Activities					
Curbside Recycling			Glass and plastic bottles, aluminum and steel cans, newspaper, cardboard, mixed paper, magazines, phone books, chip board	Actual scale weights provided by haulers	Hauler quarterly reports on file with SWMD
Buyback Centers	8760	3.8%			
Drop-off Centers	989	0.4%	comingle beverage containers	Actual scale weights provided by centers to Department of Conservation for payments, reported to SWMD	Letter from Department of Conservation on file at SWMD
	0	0.0%			

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Division/Activity	Source/Activity	Total Generation	Relative Percentage to Residential Material Type(s) (List participation in one box)	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.dcnmb.ca.gov/LGCentral/Permits/Co-des/Reduce.htm	(A)	(Annual Generation)		
Other Residential Recycling (list each program separately)				
Enter program name				
Enter program name				
Enter program name				
Enter program name				
Subtotal: Residential Recycling	9149	4.2%		
Residential Composting Activities				
Green Waste Drop-off	10951	4.7%	Greenwaste	Weights provided by businesses
Curbside Green Waste	12924	5.3%	greenwaste including Christmas trees collected	Weights provided by haulers
Christmas Tree Program				
Other Residential Composting (list each program separately)				
Hauler manure collection	2315	1.0%	horse manure	Weights provided by haulers
Subtotal: Residential Composting	26160	11.3%		
Subtotal: Residential Division	36048	15.5%		
Non-Residential Source Reduction Activities				
Non-Residential Waste Audits*	518	0.2%		See Section 9
Other Non-Residential Source Reduction (list each program separately)				See Section 9
Grasscycling at non-residential area	4803	2.1%	grass clippings	7,623 tons per acre per year, Hartin/Henry
Food share	1450	0.6%	food	UCooperative Extension
Tire recaps	84	0.0%	tires	Scale weights at Food Share
Public Works concrete/asphalt reuse	3	0.1%	concrete, asphalt	20 lb ea (small tire); 60 lb ea (large tire) USEPA loose, broken concrete 1855 lbs/cu yd; crushed asphalt 45 lbs/cu ft.
Subtotal: Non-Residential Source Reduction	8656	3.0%		Calculations by Public Works on file with SWMD

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Diversions/Activity	Actual Tons	Relative Percentage	Specific Material Type(s) (list operation or multiple materials in one box)	Statute/Compliance/Fees/Permits Used (if any) and Source	Type of Record and Location of Record
Please use the Board's program types. The program type glossary is online at: www.lawmb.ca.gov/LGCentral/Part5CO.aspx?Refuse.htm	(A)	(A)			
Recycling	4839	2.0%		See Section 9	See Section 9
Non-Residential Waste Audits*					
Other Non-Residential Recycling (list each program separately)				See Section 9	See Section 9
Non-CRV buyback	2424	1.0%	cardboard, paper glass and plastic bottles, aluminum and steel cans, newspaper, cardboard, mixed paper, magazines, phone books, chip board	Actual scale weights	Recycling tonnage report on file at SWMD
Commercial recycling	2532	1.1%			
Sawdust	100	0.0%	sawdust	375 lb/cu yd. Tellus	Hauler quarterly reports on file with SWMD
Subtotal Non-Residential Recycling	995	4.2%			Calculations on file with SWMD
Non-Residential Composting Activities				See Section 9	See Section 9
Non-Residential Waste Audits*					
Other Non-Residential Composting (list each program separately)				See Section 9	See Section 9
greenwaste collection	3233	1.4%	greenwaste	Calculated from hauler reports	Calculations on file with SWMD
Public Works tree trimming	1898	0.8%	tree prunings	46.69 lb/cu yd green; 36.9 lb/cu yd dry, Tellus x 4 tons per average truckload x number of hauls per job site by Public Works staff.	Calculations on file with SWMD
Subtotal Non-Residential Composting	5197	2.3%			
Subtotal Non-Residential Diversion	21390	9.4%			
Residential/Non-Residential Diversions/Activities					
ADC					
Sludge	6846	2.9%	green waste	Scale weights at landfills	DRS records from LA County Sanitation District on file with SWMD
Scrap Metal	2139	0.9%	sludge dry tons	Wet sludge tonnage provided by facilities x average solid percentage	Tonnage reports on file with wastewater treatment facilities
Construction and Demolition	50642	21.8%	concrete, asphalt	Concrete: 1825 lb cu yd; crushed asphalt paving: 1380 lb/cu yd; calculations provided by generators	Sources and specific tonnages listed in Section 9 per records on file with each generator
Landfill Salvage	9765	3.9%	concrete, greenwaste	scale weights from landfills	DRS records on file with SWMD
Subtotal Residential/Non-Residential Diversion	88792	29.8%			
Total Res/Non-Res Source Reduction Tons	7985	3.9%			
Total Diversions Tons	126688	54.5%			
Total Disposal Tons from Sec. 7	10593	45.5%			
Total Generation Tons (Div/Sig)	23281				

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Attachment 2b

Diversion Activity	Actual Date	Relative Percentage	Specified Treatment Type(s) (list operations with same code in one box)	Type of Record Used (if any) and Source
Please use the Board's program types. The program type glossary is online at: www.ownmb.ca/nov/Glossary/Paris/Co-desReduce.htm	(A)	(X) Total Generation		
Diversion Rate		54%		

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9. Specific Non-Residential Sector Waste Audits--Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.
(Table will perform all addition calculations).

Type of Non-Residential Generator	Audit Reference Number	Specific/Major Diversion Activities (e.g., paper recycling, grasscycling, (List activities on one line))	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Generation (Total Tons/Tons Total Generation in Section 8)	Percent of Total Generation (On-Site/Other)	Survey Method
Engineering	R-1	Concrete reuse, mixed paper, shredded paper, leger, toner cartridge and OCC recycling; weed mulching; furniture donation grasscycling, property reuse, concrete reuse, electronic form (plus other recycling that is included in a commercial hauler's report)	12297	64		12361	5.3%	0	
College	C-13							0	
Federal Facility	P-7	mixed paper, cardboard, and toner cartridge recycling; equipment donation; vehicle parts reuse; medical equipment donation; reuse of textiles; resale of office supplies, golf course recycling	10229	130		10359	4.5%		
Food Processor	S-3	by-products to cattle feed							
Golf course	S-2	Grasscycling, composting of leaves and grass							
Golf course	L-3	Grasscycling, tree trimming	762	53					
Golf course	E-1	Grasscycling, greenwaste collection	671	63					
Packing House	F-2	splits and rots to cattle feed							
Packing House	B-5	citrus waste to cattle feed							
Dairy	D-1	recycling of OCC and glass; source reduction of paper, repair of pallets, return of pallets and drums to vendors	138	291					
	Totals		35092.87	4046.7		52.7	39192.27	16.9%	

Also provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name).

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources (e.g., cardboard

Grasscycling: C-13, 7.6 ton/acre; E-1, turf area = 88 acres x 7.623 tons/acre; L-3 turf area = 100 acres x 7.623 tons/acre; S-2, turf area = 111 acres x 7.623 tons/acre

Property reuse: C-13, based on an estimate

Concrete reuse: C-13, based on the contractor's report; R-1, average truckload 2295 tons/truck x 567 loads

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Attachment 24

Concrete reuse: C-13, based on the contractor's report; R-1, average truckload 21.5tons/truck x 567 loads

Electronic form: C-13, based on an estimate

Greenwaste collection: E-1, 40 cy roll offs x 6/year x 240cy/cy x 572 lbs/cy; S-2, 40 cy roll-offs x 26 x 527 lbs/cy

Organic Materials: S-3, per plant operation logs 270 loads at 8 tons each; Packing house F-2, company manager estimate; Packing house B-5, 150-60 loads @ 8 tons/load

Mixed paper:P-7 from federal solid waste report

Scrap metal: R-1, based on an estimate

Pallets: Dairy D-1# of pallets @ 40 lb ea.

Cardboard: Dairy D-1, # bales x 400 lb/bale; Federal Facility P-7, from federal solid waste report, R-1 from consultant's solid waste report.

Glass: Dairy D-1, 2160 lb/cu yd (FEECO)

Toner cartridge recycling; equipment donation; vehicle parts reuse; medical equipment donation; reuse of textiles; resale of office supplies: from P-7, from federal solid waste report 3-27-01.

Mixed paper, shredded paper, leger; toner cartridge; weed mulching; furniture donation: R-1, from consultant's solid waste report

ID	Business Type	Conversion Factors and Sources	Material Type	Recycling	Tire Recycling	Inert Recycling	Source Reduction	Greenwaste drop off	Compost	Grasscycling
A1	Organics Processor	per Company owner; estimates that 1,500 tons of material/year is diverted. See Section 7 & 8.	Organic Material							
A3	Military Facility	per contact 1000 lbs/yr of all cans collected.	Aluminum Cans	0.5						
A3		per contact, 23.5 tons/yr of misc equipment to DRMO .	Misc. Equipment				23.5			
A3		per contact, .75 tons/yr.					0.75			
A3		per contact, 31 acres x 7.623 tons/acre/yr = 236.313 tons/yr. See Section 7 & 8.	Grasscycling							236.313
B1	Cemetery	per contact 12 acres x 7.623 tons/acre/yr = 91.476 tons/yr of grass clippings are collected and taken to an avocado ranch for spreading as mulch. 12 acres x 6.5 tons/acre/yr = 78 tons/yr; source: CIWMB DSG reference to California Turf grass Culture article.	Grasscycling							91.476
B2	Nursery	per contact, manure is collected from surrounding horses and delivered to this site; estimates one ton/wk x .52 wks/yr = 52 tons/yr.	Horse Manure							
B5	Packing House	per contact, they hauled 109 loads of citrus from the packing house at avg 8 tons/load in 2000 = 872 tons/yr.	Food-Lemons	440-872						52
B6	Retail Hardware	per owner, 30 pallets/mo returned x (40 lbs/sea / 5 avg uses = 8 lbs USEPA) x 12 mos/yr = 1.44 tons/yr.	Pallets				1.44			
B6		per owner, 120 pallets/yr used as firewood x 40 lbs/ea = 2.4 tons/yr.	Pallets				2.4			
B6		per owner, 3 cyl/yr of scrap wood is donated x 329.5 lbs/cy (Telleus) = .49 tons/yr.	Wood							0.49425
C1	Packing House	per manager; company generates (2) 40 cu roll-offs/wk six months of the year (Jan - Jun); estimates that each roll-off is approx 7 tons. (2) x 7 tons = 14 tons/wk x 28 wks/yr = 384 tons/yr; material is used as cattle feed but not, according to cattle company, to them.	Organic Material	364						
C11	Cemetery	Per Mgr., facility has 30 acres of lawn that is grasscycled; 30 acres x 7.623 tons/acre/yr = 228.69 tons/yr; source CIWMB DSG reference to California Turfgrass Culture article. See Section 7 & 8. (Already counted in UVC-nonsidential grasscycling' number)	Grasscycling							228.69
C13	College	AB 75 report to CIWMB (5-23-01). See Section 7 & 8. (Already included in 'UVC-non-residential grasscycling' number)	Grasscycling							
C13		AB 75 report to CIWMB (5-23-01)	property reutilization							"Sec. 7&8
C13		AB 75 report to CIWMB (5-23-01)	Electronic Forms							0 29
C15	Lawn Service	per Mgr, company generates 3 tons/day of materials x 5 days/wk x 52 wks/yr = 780 tons/yr; and estimates that 5% of the business is performed in UVC, for a total of 39 tons/yr - materials are taken to an avocado ranch and spread for mulch.	Tree Trimmings	39						0.5
C2	State Facility	per Chief of Plant Operations; 90 pallets/yr scavenged x 40 lbs/ea (USEPA) = 1.8 tons/yr.	Pallets							
C3	Church	per contact, (1) 33 gal container of mixed paper/no recycled x 25.41 lbs (USEPA) 12 mo/yr= 305 lbs/yr.	White Ledger Paper	0.15246						
C3		per contact, 1 acre of turf is grasscycled x 7.623 tons/acre/yr = 7.623 tons/yr (CIWMB DSG California Turfgrass Culture article). See Section 7 & 8. (Already included in 'UVC-non-residential grasscycling' number)	Grasscycling							7.623
C4	Recreation	per Director, 0.8 acres of lawn x 7.623 tons/acre/yr = 6.0984 tons/yr (CIWMB DSG California Turfgrass Culture article). See Section 7 & 8. (Already included in 'UVC-non-residential grasscycling' number)	Food							6.0984
C5	Recreation	per Director, 12 cu/yr of chipped material x 527 lbs/cy (Telleus) = 3.16 tons/yr.	Tree Trimmings	3.16						
C5		per Director, 12 pallets/yr burned as fire wood x 40 lbs/ea (USEPA) = .24 tons.					0.24			

ID	Business Type	Conversion Factors and Sources	Material Type	Recycling	Tire Recycling	Inert Recycling	Source Reduction	Greenwaste drop off	Compost	Grasscycling
C7	Hospitality	per contact, 10 cy/lynnwood burned as fire wood x 329 lbs/cy (Tellsus) = 1.6 tons/yr.	Firewood	0	1.645					
C8	Roofing	per Owner, company sets out 10 pallets/mo for scavengers x 40 lbs/ea (USEPA) x 12 mos/yr = 2.4 tons/yr.	Pallets				2.4			
D1	Dairy	per Plant Mgr, 18 balls/wk of OCCC x 400 lbs/bale (UCLA) x 52 wks/yr = 187.2 tons/yr.	Cardboard	187.2						
D1		per plant manager, (1) 4 cy/bin of broken bottles 2 xmo = 8 cy/mo x 12 mos/yr x 2160 lbs/cy (FECCO) = 103.7 tons/yr.	Glass	103.68						
D1		per plant manager, company has reduced paper usage from previous years through emailing, double-sided copying by 2 cases/mo x 12 mos/yr x 50 lbs/case (USEPA) = 6 tons/yr.	Electronic Forms				0.6			
D1		per plant manager, (20) 55 gal drums returned to vendor/mo x 12 mos x 15 lbs/ea (UCLA) = 1.8 tons/yr.	55 gal drums				1.8			
D1		per plant manager, 500 pallets/wk returned to vendors x (40 lbs / 5 avg. uses = 8 lbs USEPA) x 52 wks/yr = 104 tons/yr.	Pallets				104			
D1		per plant manager, 30 pallets/wk damaged and returned for repair x 40 lbs/ea (USEPA) x 52 wks/yr = 31.2 tons/yr.	Pallets				31.2			
E1	Golf Course	per Superintendent, 88 acres grass x 7.623 tons/acre/yr = 670.82 tons/yr; source California Turfgrass Culture article. See Section 7 & 8. (Already counted in UVC-non-residential grasscycling number)	Grasscycling				*Sec. 7&8			
F1	Builders Supply	per contact, 40 pallets/mo exchanged x (40 lbs/ea / 5 avg uses = 8 lbs USEPA) x 12 mos/yr = 1.92 tons/yr.	Pallets							670.82
F1		per contact, 50 pallets are scavenged every 4 mos = 150 pallets/yr x 40 lbs/ea = 3 tons/yr.	Pallets				3			
F2	Packing House	per Mgr., company uses two separate cattle ranches to send their splits and rags to for use as cattle feed; estimates that in 2000, the company hauled 700 tons of this material.	Splits and Rags	700						
F3	Composting Farm	per owner, company collected 500 lbs/wk x 52 wks/yr = 13 tons/yr from businesses in unincorp area.	Food Waste				13			
I1	Cemetery	per contact, facility has 35 acres of turf they mow and collect clippings from, and take to undeveloped land to spread as mulch 35 acres x 7.623 tons/acre/yr = 266.805 tons/yr; source: CIWMB DSG reference to California Turfgrass Culture article (Already included in UVC-non-residential grasscycling' number)	Grasscycling				*Sec. 7&8			266.805
L1	Recreation	per Mt Sprint, 3.5 acres grass clippings are mulched x 7.623 tons/acre/yr (CIWMB DSG CalTurfgrass Culture) = 26.6805 tons/yr. See Section 7 & 8. (Already included in UVC-non-residential grasscycling)	Grasscycling				*Sec. 7&8			26.6805
L1		per supervisor, 50 cy/mo of tree and shrub trimmings x 5400 lbs/50 cy (USEPA) x 12 mos/yr = 32.4 tons - used as fish habitat in water near shore.	Tree Trimmings	32.4						
L3	Country Club	per Grounds Sprint, 100 acres grass x 7.623 tons/acre/yr = 762.3 tons/yr. source: California Turfgrass Culture article. See Section 7 & 8 (Already included in UVC non-residential grasscycling)	Grasscycling				*Sec. 7&8			762.3

ID	Business Type	Conversion Factors and Sources	Material Type	Recycling	Tire Recycling	Inert Recycling	Source Reduction	Greenwaste drop off	Compost	Grasscycling
L4	Packing House	per contact, company generates 1.5 million field boxes/yr in the packing house (not the field), 2% of the boxes at 55 lbs/ea are damaged and disked back into the ground (15 years ago this material was all landfilled). 1.5 m x 2% x 55 lbs/ea = 825 tons/yr.	Food				0 14+2			
L4		per contact, facility has 33.6 acres of grasscycling x 7.623 tons/acre/yr = 256.13 tons/yr (CIWMB DSG California Turfgrass Culture). See Section 7 & 8. (Already included in 'UVC non-residential grasscycling')	Grasscycling				*Sec. 7&8			256.13
M2	Golf Course	per Head Groundskeeper, facility has 50 acres of turf that is grasscycled x 7.623 tons/acre/yr = 381.15 tons/yr. See Section 7 & 8. (Already included in 'UVC non-residential grasscycling')	Grasscycling				*Sec. 7&8			381.15
N1	Recreation	per contact, facility composts employee food scraps and horse manure from 3 horses = 1.35 tons/yr.	Food Scraps							1.35
O3	Nursery	per company rep, they took back 12,000 (5 gal) plastic planting containers to growers x 9 lbs/ea (for a 3 gal container, UICLA) = 5.4 tons/yr.	Plant Containers							5.4
P2	Botting	per Spivs, 3500 pallets/mo raised x (40 lbs / 5 avg uses = 8 lbs) (USEPA) x 12 mos = 168 tons/yr.	Pallets							168
P7	Federal Facility	per 2000 Solid Waste Report 3-27-01 & follow-up phone call	Toner Cartridges							4.57
P7		per 2000 Solid Waste Report 3-27-01 & follow-up phone call; materials collected by group					7.89			
P7		per Solid Waste Report 3-27-01 & follow-up phone call	Mixed Paper & Cardboard							124.74
P7		per 2000 Solid Waste Report 3-27-01 & follow-up phone call					8.56			
P7		per Golf Course Mgmt; 60 acres of turf is grasscycled x 7.623 tons/acre/yr = 457.38 tons/yr CIWMB DSG Cal Turfgrass Culture. See Section 7 & 8. (Already included in 'UVC non-residential grasscycling' number)	Grasscycling							457.38
P7		per Disposal Specialist, 75 tons of equipment (including computers) donated to schools.	property reutilization							75
P7		per contact, 2.2 tons/yr nonsnap metal vehicle parts from four sales in 2000 (500-600 lbs per lot with two lots per sale).	Vehicle Parts							2.2
P7		per contact, 1.3 tons/yr medical equipment, including obsolete materials and seven examining tables at 100 lbs/ea.	Medical Equipment							1.3
P7		per contact, 0.4 old or damaged uniforms sent to other bases for use while painting or other similar duty.	Textiles							0.4
P7		per contact, 35 tons office supplies re-sold through commercial venture.	Office Supplies							0.35
R1	Engineering	9-20-01 report from consultant who handles all waste diversion activities for facility.	Mixed Office Paper							15.66
R1		9-20-01 report from consultant who handles all waste diversion activities for facility.	White Ledger Paper							10.49
R1		9-20-01 report from consultant who handles all waste diversion activities for facility.	Cardboard							21.6
R1		9-20-01 report from consultant who handles all waste diversion activities for equipment for an avg of 50 tons/yr.	Shredded Paper							12.98
R1		per Landscape Mgr; weeds shredded and spread on property (6) 40 cy roll-offs/yr x 4,320 lbs/40 cy (USEPA) = 12.96 tons/yr.	Toner cartridges							3.00 0-04
R2	Research	per recycler, they collect 10 tons/yr of office paper.	Mixed Office Paper							10
R2		per manager, 1500 lbs/yr of books/periodicals donated to local organizations	Books & Periodicals							0.75

ID	Business Type	Conversion Factors and Sources	Material Type	Recycling	Tire Recycling	Inert Recycling	Source Reduction	Greenwaste drop off	Compost	Grasscycling
R2		contact estimates they have eliminated 50 reams paper/yr x 5 lbs/ream (USEPA) = .125 tons/yr.	Paper				0.125			
R2		per Landscape Maintenance contractor, there are 18 acres of grass, 15 of which are grasscycled x 7.623 tons/acre/yr = 114.345 tons/yr CIWMB DSG reference to California Turfgrass Culture article. See Section 7 & 8. (Already counted in 'UVC-non-residential grasscycling' number)	Grasscycling				*Sec. 7&8			114.345
R2		per contact, 100 computers (monitors, CPUs, keyboards at 56 lbs/ea (USEPA)) = 2.9 tons.	Computers				2.9			
R2		per contact, 40 printers/faxes x 25.33 lbs/ea (USEPA) = 5 tons/yr.	Printers				0.5			
R2		per contact, 2 pallets/wk returned for reuse (40 lbs/ea / 5 avg uses = 8 lbs USEPA) x 52 wks/yr = .41 tons/yr.	Pallets				0.416			
R2		per J. Howard, 4 boxes day reused x 2.2 lbs/ea (USEPA) x 5 days/wk x 52 wks/yr = 1.14 tons/yr.	Cardboard				1.144			
R2		per contact, 10 tons/yr recycled but unsure how this compares to '99/00, so will not count.	Not Counted							
S2	Country Club	per Grounds Mgr, 120 acres x 7.623 tons/acre/yr = 914.76 tons/yr source CIWMB DSG California Turfgrass Culture, See Section 7 & 8. (Already counted in 'UVC-non-residential grasscycling' number)	Grasscycling				*Sec. 7&8			845.15 844.76
S2		per contact, hauler removes chipped green waste (1) 40 cu roll off every 2 wks x 26 wks/yr x 527 lbs/cu (Tetus) = 274 tons/yr	Green Waste					0 274		
S3	Food Processor	per Ops Mgr, this facility operates 82 days/yr and generates (2) 20 cu rolloffs/day of pepper by-products for cattle feed operation and estimates rollout at 8 tons/ea x (2) x 85 days = 1,360 tons/yr.	pepper by-products go to cattle feed	2160 4380						
S5	Country Club	per contact, facility does not grasscycle; they take all organics for mulching; estimates that facility generates 40 cu/wk of material x 4320 lbs/40 cu (USEPA) x 52 wks/yr = 112.3 tons.	Grass	112.3					0 442.32	
T2	College	per Mitrice Sprout, 10 acres grasscycled x 7.623 tons/acre/yr = 76.23 tons/yr CIWMB DSG reference to California Turfgrass Culture article. See Section 7 & 8. (Already included in 'UVC-non-residential grasscycling' number)	Grasscycling				*Sec. 7&8			76.23
T2		per T. Mellein, (2) 55 gal drums of grease recycled every 3/mos = 110 gal x 4 times/yr x 7.45 lbs/gal = 1.63 tons/yr.	Cooking Grease	1.63						
T4	Detergent Facility	per contact, 5 acres of lawn grasscycled x 7.623 tons/acre/yr = 38.115 tons (CIWMB DSG Cal. Turfgrass Culture article). See Section 7 & 8. (Already counted in 'UVC-non-residential grasscycling' number)	Grasscycling				*Sec. 7&8			38.115
T4		per contact, 25 pallets/day exchanged x (40 lbs/ea / 5 avg. uses = 8 lbs USEPA) = 200 lbs/day x 5 days/wk x 52 wks/yr = 26 tons/yr.	Pallets				26			
T4		per contact, 250 pallets scavenged/yr x 40 lbs/ea (USEPA) = 5 tons/yr.	Pallets				5	May we allow this tonnage? We do not know the end use of		
T5	Packing House	per Mgr, company generated 32 loads of waste in 2000; KG estimates each 40 cu roll-off weighs 8 tons x 32 = 256 tons/yr; material was used as cattle feed at H Cattle.	Food Waste	256						
T6	Lumber	per owner, the Mobil Pier was taken down in '98 and '99 and 16 truckloads of wood were taken to Mexico for reuse as gates and materials for shoring up bridges and piers; per RG each truck held 13,000 board feet at 6 lbs/bf x 18 trucks = 624 tons.	Lumber				0 624			
T6		per owner's son, the company also sent 3-4 truckloads of similar lumber to Mexico from other projects (Templeton RR Building); therefore 3.5 truckloads x 13,000 board feet x 6 lbs/bf = 136.5 tons.	Lumber				0 136.5			

ID	Business Type	Conversion Factors and Sources	Material Type	Recycling	Tire Recycling	Inert Recycling	Source Reduction	Greenwaste drop off	Compost	Grasscycling
V2	County Office	per contact, 100 gals/3 mos = 400 gals/yr x 7.45 lbs/gal (USEPA) = 1.49 tons/yr.	Cooking Grease	1.49						
V2		per contact, 25 acres turf x 7.625 tons/acre/yr = 1.90575 tons/yr CIWMB DSG California Turfgrass Culture. See Section 7 & 8.	Grasscycling				*Sec. 788			1.9
V2		per contact, 3 cy/yr of logs/branches from tree trimming burned x 1080 lbs/cy (Tellsus) = 1.62 tons.	Branches & Logs	0 1.62						
V2		per contact, 25 pallets/day returned x (40 lbs / 5 uses = 8 lbs) (USEPA) = 200 lbs/wk x 52 wks/yr = 5.2 tons/yr.	Pallets				5.2			
V2		per contact, based on recycling collection frequency of 8 cy/mo x 50.08 lbs/cy (USEPA) x 12 mos/yr = 2.4 tons/yr.	Cardboard	2.4						
Total for business diversion				4638.98		518.44	86.35	4896.9	4844.52	
				4304.33		2423.84	340.35			

ID	Business Type	Conversion Factors and Sources	Material Type	Recycling	Tire Recycling		Inert Reduction	Source Reduction	Greenwaste drop off	Compost	Grasscycling
					Tire Recycling	Inert Recycling					
A3	Military Facility	per contact, 10.5 tons/yr. (Already included in 'Green Waste Drop Off' numbers.)	Tree Trimmings	* Sec 7 & 8				10.50			
B1	Cemetery	per contact, (2) 40 cy/roll-offs worth of material are chipped and hauled to avocado ranch next door for mulching 80 cy/yr x 52.7 lbs/cy ('Tellsus') = 21 tons/yr. (Already included in 'Green Waste Drop Off' numbers)	Tree Trimmings					21.08			
B6	Retail Hardware	per owner, hauler collects 5.4 cy/wk x 50.08 lbs/cy ('Tellsus') x 52 wks/yr = 7 tons/yr already counted. See section 7-8.	Computers	* Sec. 7&8							
B6		per owner, hauler collects 0.8 cy/wk mixed paper x 363.5 lbs/cy (USEPA) x 52 wks/yr = 5.67 tons/yr - already counted. See section 7-8. (Already counted in 'Commercial recycling through contracted haulers' number)	Mixed Office Paper	*Sec. 7&8							
B7	Inerts Processor	per contract, facility was not able to breakdown materials by jurisdiction but are able to by material. Total amount of concrete/asphalt for UVC = 225.85 tons/yr. 68.52% Concrete = 92.25 tons x 13.85% est. from UVC = 128.1 tons.	Concrete	*Sec. 7&8		128.1					
B7		per contract, facility was not able to breakdown materials by jurisdiction but are able to by material - 1350 tons/yr base material. Total amount of concrete/asphalt for UVC = 225.85 tons/yr.	Asphalt	*Sec. 7&8		97.74					
B7		per contract, 377 tons/yr; 377 tons/dirt x 13.85% est. from UVC = 52.21 tons/yr	Dirt			52.21	* Sec 7 & 8				
B7		per contract, 681 tons/yr; 681 tons rip rap x 13.85% est. from UVC = 94.31 tons/yr	Rip Rap (River Rock)			94.31	* Sec 7 & 8				
C10	Tires	per contract, 2000 tires were recycled in year 2000 x 60 lbs/ea (60 -100 lbs/ea USEPA) = 60 tons. See Section 7 & 8. (Already counted in Tire Recycling Diversion' number)	Tires	*Sec. 7&8	60.00						
C13	College	per Asst Director Grounds, 20,000 tons of concrete rubble from buildings removed in 2000 was crushed and used on site.	Concrete	*Sec. 7&8		10000.46250					
C13		17.9 tons; AB 75 report to CIWMB (5-23-01); tonnage not counted here. See Section 7 & 8. (Already counted in 'commercial recycling through contracted haulers' numbers)	Mixed Beverage Container	*Sec. 7&8							
C13		11.9 tons; AB 75 report to CIWMB (5-23-01); tonnage not counted here. See Section 7 & 8. (Already counted in 'commercial recycling through contracted haulers' number)	Cardboard	*Sec. 7&8							
C13		1.9 tons; AB 75 report to CIWMB (5-23-01); tonnage not counted here. See Section 7 & 8. (Already counted in 'commercial recycling through contracted haulers' number)	Newspaper	*Sec. 7&8							
C13		2.3 tons; AB 75 report to CIWMB (5-23-01); tonnage not counted here. See Section 7 & 8. (Already counted in 'commercial recycling through contracted haulers' number)	Mixed Office Paper	*Sec. 7&8							
C13		83.4 tons; AB 75 report to CIWMB (5-23-01); tonnage not counted here. See Section 7 & 8. (Already counted in 'commercial recycling through contracted haulers' number)	Scrap Metal	*Sec. 7&8							
C13		22.2 tons AB 75 report to CIWMB (5-23-01); tonnage not counted here. See Section 7 & 8.	Green Waste					107.80	*Sec. 7&8		
C13		107.8 tons AB 75 report to CIWMB (5-23-01); tonnage not counted here. See Section 7 & 8. (Already included in 'Green Waste Drop-off' number)	Green Waste								
C2	State Facility	per contract, based on recycling collection frequency, (10.4 cy bins collected 3x/wk = 120 cy/wk x 50.08 lbs/cy ('Tellsus') x 52 wks/yr = 156 tons/yr. (Already counted in 'Commercial recycling through contracted hauler')	Cardboard	* Sec 7 & 8							

ID	Business Type	Conversion Factors and Sources	Material Type	Recycling	Tire Recycling	Inert Recycling	Source Reduction	Greenwaste drop off	Compost	Grasscycling
C2		per contact, based on recycling collection frequency, 5 cy/mo white ledger x 263.53 lbs/cy (USEPA) x 12 mos/yr = 10.9 tons/yr.	White Ledger Paper	* Sec 7 & 8						
C4	Recreation	per H. Kaplan, hauler collects 3 cy/wk of OCC x 50.08 lbs/cy (Tellius) x 52 wks/yr = 3.9 tons/yr - already counted. See section 7-8. (Already included in 'Commercial recycling through contracted haulers')	Cardboard	*Sec. 7&8						
C5	Recreation	per contact, 1.5 cy/wk OCC collected by hauler x 50.08 lbs/cy (Tellius) x 52 wks/yr = 1.95 tons/yr - already counted. See section 7-8. (Already counted in 'Commercial recycling through contracted haulers' numbers')	Cardboard	*Sec. 7&8						
C5		per contact, 1-33 gal container/wk office paper recycled by hauler x 52 wks/yr x 25.41 lbs/container (USEPA) = .86 tons/yr - already counted. See section 7-8. (Already counted in 'Commercial recycling through contracted haulers' number)	Mixed Paper	*Sec. 7&8						
C5		per contact, 100 tin cans recycled by hauler/mo x 12 mos x .77 lbs/can (USEPA) = .46 - already counted. See section 7-8. (Already included in the 'Commercial recycling through contracted haulers' number)	Tin & Aluminum Cans	*Sec. 7&8						
C5		per contact, misc plastics recycled by hauler = .12 tons/yr - already counted. See section 7-8. (Already counted in Commercial recycling through contracted haulers' number)	HDPE Plastic	*Sec. 7&8						
C6	Wastewater Treatment	per Eng Services Mgr, facility hauled 345 tons/yr of biosolids to Kern County for cotton and alfalfa crops.	Sludge	* Sec 7 & 8						
C7	Hospitality	per Matt Spivak, 120 cy/yr tree chippings used as mulch x 527 lbs/cy (Tellius) = 31.6 tons/yr. (Already included in 'Green Waste Drop-Off' number)	Tree Trimmings	* Sec 7 & 8						
C7		per contact, hauler collects 6 cy/wk OCC x 50.08 lbs/cy (Tellius) x 52 wks/yr = 7.8 tons/yr - already counted. See Section 7 & 8. (Already included in 'Green Waste Drop-off' number)	Cardboard	*Sec. 7&8						
E1	Golf Course	per contact, hauler collects 1 cy/wk of mixed office paper x 363.5 lbs/cy (USEPA) x 52 wks/yr = 9.45 tons/yr - already counted. See Section 7 & 8. (Already counted in Commercial Recycling through contracted haulers' number)	Mixed Office Paper	*Sec. 7&8						
F1	Builders Supply	per contact, estimates approx (6) 40 cy roll-offs/year = 240 cy/yr x 527 lbs/cy (Tellius) = 63 tons/yr. (Already included in Green Waste Drop-off number)	Tree Trimmings	* Sec 7 & 8						
G2	Inerts Processor	per contact, 1 cy/wk of OCC collected by hauler x 50.08 lbs/cy (Tellius) x 52 wks/yr = 1.3 tons/yr - already counted. See section 7-8. (Already included in 'Green Waste Drop-off' number)	Cardboard	*Sec. 7&8						
G3	Inerts Processor	per contact, facility does minimal crushing, estimating that they do 20,000 tons/yr; Facility started operation after 1994; 50 % of the from the general public, though they don't track the jurisdiction; 50% comes from an on-site asphalt plant. Only material coming from the general public will be counted for 2000. Total allocation to UVC for concrete/asphalt = 1,673 tons/yr 68.52% Concrete = 6,852 tons x 13.85% est. from UVC = 949 tons/yr to UVC.	Concrete	* Sec 7 & 8						
G3		per contact, facility does minimal crushing, estimating that they do 20,000 tons/yr; Facility started operation after 1994; 50 % of the from the general public, though they don't track the jurisdiction; 50% comes from an on-site asphalt plant. Only material coming from the general public will be counted for 2000. Total allocation to UVC for concrete/asphalt = 1,673 tons/yr 31.48% Asphalt = 3,148 tons x 23% est. from UVC = 724 tons/yr to UVC.	Asphalt	* Sec 7 & 8						
H3	Mulching	per owner, recycling at plant in Satcoy, recycled 30,000 tons in 2000 of left over Ready Mix that came back on trucks that had not been used; other facility did not do any recycling. 30,000 tons/yr x 13.85% est. from UVC = 4,155 tons/yr.	Concrete	* Sec 7 & 8						
H3		per Vice President, company has been grinding wood scraps since 1986 with a large hog grinder; the material is then sent to various companies for use as dust control, mulch for flower growing operation, and bedding for horse breeders; DH estimates 100 tons/yr of material. (Already included in Regional Organics Diversion' number)	Wood Scraps	*Sec. 7&8						

ID	Business Type	Conversion Factors and Sources	Material Type	Recycling	Tire Recycling	Inert Recycling	Source Reduction	Greenwaste drop off	Compost	Grasscycling
H4	Indts Processor	per contact, rec'd fax stating that 90,000 tons concrete and 60,000 tons asphalt were recycled in 2000. However, facility opened in 1987, so not all material is counted. Contact estimated that tonnage increased by 50 percent since 1990, therefore the countable difference is 75,000 tons/yr for year 2000. Total allocation to UVC for concrete/asphalt = 13,135 tons/yr. 45,000 tons Concrete x 13.85% est. from UVC = 6,235 tons/yr to UVC.	Concrete	* Sec 7 & 8		0 6235				
H4		per contact, rec'd fax stating that 90,000 tons concrete and 60,000 tons asphalt were recycled in 2000. However, facility opened in 1987, so not all material is counted. Contact estimated that tonnage increased by 50 percent since 1990, therefore the countable difference is 75,000 tons/yr for year 2000. Total allocation to UVC for concrete/asphalt = 13,135 tons/yr. 30,000 tons Asphalt x 23% est. from UVC = 6,900 tons/yr to UVC.	Asphalt	* Sec 7 & 8		0 6900				
I1	Cemetery	per contact, facility chips 80 cy/yr of tree and shrub trimmings = 80 cy/yr x 527 lbs/cy ('Tellus') = 21 tons. (Already included in 'Green Waste Drop-Off')	Tree Trimmings	* Sec 7 & 8				21.08		0.00
M2	Golf Course	L3 County Club (Tellus) = 105 tons/yr. (Already included in 'Green Waste Drop-off') per Head Groundskeeper, facility has 50 acres of turf that is grasscycled x 7,623 tons/carelyr = 381.15 tons/yr. See Section 7 & 8. (Already included in 'UVC non-residential grasscycling')	Residencial grasscycling		* Sec 7 & 8 (- 52.70 in cert form)					381.15
M2		per contact, facility chips trees and generates approx 80 cy/yr of tree trimmings x 527 lbs/cy ('Tellus') = 21 tons. (Already included in 'Green Waste Drop-off')	Tree Trimmings	* Sec 7 & 8				21.08		
O1	Nonprofit	per Director, facility generates 40 cy/mo of tree and brush trimmings x 527 lbs/cy ('Tellus') x 12 mos/yr = 126.48. (Already included in 'Green Waste Drop-off') 1.5 tons misc cardboard, al cans, and HDPE also collected by hauler and already counted. See Section 7 & 8. (Already included in 'Commercial recycling through contractor hauler')	Tree Trimmings	* Sec 7 & 8				126.48		
O2	Wastewater Treatment	per Operations Sup1, 584 tons/yr of dry biosolids sent to an off-site composter in Kern County. (Already included in 'Sludge' number) per contact, based on recycling collection frequency of (1) 4 cyl/Wk x 50.05 lbs/cy ('Tellus') x 52 wks/yr = 5.2 tons/yr. (Already included in 'Commercial Recycling through contracted hauler')	Sludge	* Sec 7 & 8						
P2	Bottling	per contact, approx (6) rolloffs/yr holding 100 truck tires (80 lbs/ea) and 100 passenger tire (20 lbs/ea). 100 x 80 lb/tire (USEPA) = 6,000 lbs. 100 x 20 lb/tire (USEPA) = 2000 lbs. 6 x 8000 lbs = 24 tons/yr USEPA. See Section 7 & 8. (Already included in 'Tire Recycling Diversion')	Cardboard	* Sec 7 & 8						
P4	Tire	per contact, approx 80 cyl/yr of chipped material is generated x 527 lbs/cy ('Tellus') = 21 tons/yr. (Already included in 'Green Waste Drop-off number.)	Tires	*Sec. 7&8	24.00					
P7	Federal Facility	per 2000 Solid Waste Report 3-27-01 & follow-up phone call (foundations and wood). See Section 7 & 8. per 2000 Solid Waste Report 3-27-01 & follow-up phone call w/ T. Webb (concrete and asphalt). See Section 7 & 8.	Tree Trimmings	* Sec 7 & 8			21.03			
P7		per 2000 Solid Waste Report 3-27-01 & follow-up phone call w/ T. Webb See Section 7 & 8. (Commercial recycling through contracted haulers).		*Sec. 7&8						
P7		per 2000 Solid Waste Report 3-27-01 & follow-up phone call w/ T. Webb. See Section 7 & 8.		*Sec. 7&8						
P7		per 2000 Solid Waste Report 3-27-01 & follow-up phone call w/ T. Webb. See Section 7 & 8. (Already counted in 'Green Waste Drop-off number)								
P7		per 2000 Solid Waste Report 3-27-01 & follow-up phone call w/ T. Webb. See Section 7 & 8.								
R1	Engineering	per contact, debris was created in both 1999 and 2000; 567 loads hauled away in concrete						12247.00		

ID	Business Type	Conversion Factors and Sources	Material Type	Recycling	Tire Recycling	Inert Recycling	Source Reduction	Greenwaste drop off	Compost	Grasscycling
R1		9-20-01 report from consultant who handles all waste diversion activities for number). (Already included in Commercial Recycling through contracted hauler)	Glass Beverage Containers	* Sec 7 & 8						
R1		9-20-01 report from consultant who handles all waste diversion activities for facility. (Already included in Commercial Recycling through contracted hauler)	Plastic Beverage Containers	* Sec 7 & 8						
R1		9-20-01 report from consultant who handles all waste diversion activities for facility. (Already included in Commercial Recycling through contracted hauler)	Aluminum Beverage Container	* Sec 7 & 8						
R1		per contact 10-01-01: Co. Safety, Health, and Environmental Div - estimates 2300 tons/metal recycled from contractors.	Scrap Metal							
R2	Research	per contact, 35 trees/yr are trimmed at 400 lbs/tree est. = 7 tons. (Already included in Green Waste Drop-off number)	tree trimmings	* Sec 7 & 8				7.00		
R2		per hauler, they collected (6) 40 cy rolloffs/yr = 240 cy/yr x 50.08 lbs/cy (Tellus) = 6 tons - already counted. See Section 7 & 8. (Already counted in Commercial Recycling through contracted hauler' number)	Cardboard	*Sec. 7&8						
R2		per hauler, they collected (6) 40 cy rolloffs/yr x 4320 lbs/40 cy (USEPA) = 12.96 tons/yr already counted. See Section 7 & 8.	Tree Trimmings					12.96	* Sec. 7&8	
S2		per contact, estimates equivalence of (5) 40 cy rolloffs trimmings/yr x 527 lbs per cy (Tellus) = 52.7 tons/yr. (Already included in Green Waste Drop-off number)	Leaves & Grass	* Sec 7 & 8				52.70		
S6	Inerts Processor	per contact, facility processes 191,600 tons in 2000; material was brought in from various haulers and company does not separate by jurisdiction. Operations began in Nov 1993, so all material counts. Total allocation to UVC for concrete/asphalt = 32,055 tons/yr. 58.52% concrete = 42,482.4 tons x13.85% est. From UVC = 583.8 tons/yr to UVC.	Concrete	* Sec 7 & 8				7525.83 48-482.8		
S6		per contact, facility processes 191,600 tons in 2000; material was brought in from various haulers and company does not separate by jurisdiction. Operations began in Nov 1993, so all material counts. Total allocation to UVC for concrete/asphalt = 32,055 tons/yr. 31.48% asphalt = 19,511.6 tons x 23% est. From UVC = 4489 tons/yr to UVC.	Asphalt	* Sec 7 & 8				5744.83 43672.6		
T1	Inerts Processor	per contact, Mgr, facility recycled approx 10,000 tons in 2000; Company has been recycling since before 1980, and there has been an increase of 50 percent since 1990, therefore leaving the countable difference at 5,000 tons/yr. Total to UVC for concrete/asphalt = 836.52 tons/yr. 58.52% concrete = 3,426 tons x 13.85% est. from UVC = 474.5 tons/yr to UVC.	Concrete	* Sec 7 & 8				0 474.5		
T1		per Mgr, facility recycled approx 10,000 tons in 2000; Company has been recycling since before 1980, and states that there has been an increase of 50 percent since 1990, therefore leaving the countable difference at 5,000 tons/yr. Total to UVC for concrete/asphalt = 836.52 tons/yr. 31.48% asphalt = 1,574 tons x 23% est. from UVC = 362 tons/yr to UVC.	Asphalt	* Sec 7 & 8				0 362		
T2	College	per contact, 40 cy/yr of material is shipped x 527 lbs/cy (Tellus) = 10.5 tons/yr (Already included 'Green Waste Drop-off' number)	Tree Trimmings	* Sec 7 & 8					10.54	
T2		per contact, hauler services (1) 3 cy bin/wk of office paper x 52 wks/yr x 50.08 lbs/cy (Tellus) = 3.9 tons/yr already counted. See Section 7 & 8. (Already counted in Commercial recycling through contracted hauler' number)	Cardboard	*Sec. 7&8						
T2		per contact, hauler collects (1) 2 cy bin/wk of office paper x 52 wks/yr x 363.5 lbs/cy (USEPA) = 18.9 tons/yr already counted. See Section 7 & 8. (Already counted in Commercial recycling through contracted hauler' number)	White Ledger Paper	*Sec. 7&8						
T2		per contact, 20 cases/mo of cans recovered x .888 lbs/case (USEPA) x 12 mos = 243 lbs/yr. (Already counted in Commercial recycling through contracted hauler' number)	Aluminum Cans	* Sec 7 & 8						
T2		per contact, 265 lbs/yr misc plastic recycled already counted. See Section 7 & 8. (Already counted in Commercial recycling through contracted hauler' number)	Misc. Plastic Containers	*Sec. 7&8						

Board Meeting
December 10-11, 2002

Staff version attachment 9

Agenda Item
Attachment 2b

ID	Business Type	Conversion Factors and Sources	Material Type	Recycling	Tire Recycling	Inert Recycling	Source Reduction	Greenwaste drop off	Compost	Grasscycling
T4	Detention Facility	per contact, (3) 40 cy roll-offs of chipped tree trimmings x 4,320 lbs/40 cy (USEPA) = 6.4 tons/yr. (Already included 'Green Waste Drop-off' number)	Tree Trimmings	* Sec 7 & 8				6.48		
T4		per contact, hauler collects 8 cy/wk OCC x 50.08 lbs/cy (T Bellus) x 52 wks/yr = 10.4 tons/yr already counted. See Section 7 & 8. (Already counted in 'Commercial recycling through contracted hauler' number)	Cardboard	*Sec. 7&8						
T4		per contact, hauler collects 1 cy/wk mixed office paper x 363.5 lbs/cy (USEPA) x 52 wks/yr = 9.45 tons already counted. See Section 7 & 8. (Already counted in 'Commercial recycling through contracted hauler' number)	White Ledger Paper	*Sec. 7&8						
T7	Inerts Processor	per Env/Safety Coordinator, notes 2,592 tons of crushed waste cement from unincorporated area contractors used for road base.	Concrete			2592				
V3	Wastewater Treatment	per contact, facility generated 4,330 tons/yr and hauled to ranches in Kern County for land application	Sludge	* Sec 7 & 8						
V4	Wastewater Treatment	per Facility Mgr, facility hauled 1,632 tons/yr to ranch in Santa Barbara for land application.	Sludge	* Sec 7 & 8						
V6	Inerts Processor	per Manager, facility processed 124,000 tons of class II base in 2000, however they opened prior to 1990 (wasn't sure when), but estimates that the tonnage increased by 50 percent, therefore allowing the countable tons at 62,000 tons/yr in 2000. Total allocation to UVC for concrete/asphalt = 10,372.84 tons/yr. 68.52% concrete = 42,482.4 tons x 13.85% est. from UVC = 5883.8 tons/yr to UVC.	Concrete	* Sec 7 & 8	0 5883.8					
V6		per Manager, facility processed 124,000 tons of class II base in 2000, however they opened prior to 1990 (wasn't sure when), but estimates that the tonnage increased by 50 percent, therefore allowing the countable tons at 62,000 tons/yr in 2000. Total allocation to UVC for concrete/asphalt = 10,372.84 tons/yr. 31.48% asphalt = 19,517.6 tons x 23% est. from UVC = 4489 tons/yr to UVC;	Asphalt	* Sec 7 & 8	0 4489					
Total for each activity in Section 8				84.00	40080.76	64849.7	542.26			
The following info. was not in the original attachment 9; however, the tonnage was included in the study.										
Inerts Processor		Concrete				5484.60				
Inerts Processor		Concrete				512.00				
Inerts Processor		Concrete				3900.00				
Inerts Processor		Concrete				664.00				
Total for Inert recycling tonnage		sub total				10560.60				
						50641.81				
						76380.3				

10. For each restricted waste type (i.e., agricultural waste, inert solids, [e.g. concreter, asphalt, dirt, etc.] scrap metals and white goods [PRC section 41781.2]) and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

Note: *program name refers to one specific diversion program for that waste type (e.g., "Diversion conducted by city public waste dept.").*

Restricted Waste Type	Specific Program Name	Year Started	Tonnage
Inert Solids	S-6	1993	13,268
Inert Solids	G-2	After 1994	1,304
Inert Solids	L-0	1997	512
Inert Solids	A-0	1986, but no concrete in 1990	5,485
Inert Solids	B-7	Prior to 1990, but no concrete in 1990	190
Inert Solids for waste	B-7	1998 began leasing crusher	28,165
Inert Solids	C-0	1999 began crushing operations; began other operations in 1970	5,469
Inert Solids	C-13	1999	16,250
Inert Solids	R-1	1992	12,247
Inert Solids	T-0	Landfill operated prior to 1990, but reported no inert recycling in '90	2,592

b. If the diversion program started before January 1, 1990 - and if documentation on the program and waste type has not been approved by the Board - on a separate sheet marked "Attachment 10b", provide the documentation that indicates:

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion (PRC sec. 41781.2 [c] [1]).
 - That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990.
- (Note:** this criterion is applicable to the entire jurisdiction, not to individual programs (PRC sec. 41781.2 [c] [2]). Please include documentation.
- That the jurisdiction is implementing, and will continue to implement, the diversion programs in its source reduction and recycling element.

Note: *If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.*

Instead please provide date of Board approval of previously submitted information.

If documentation is not available, go to 10d.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New Base Year or Reporting Year Diversion Tonnage (Countable UA 2000 tonnage)
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		
Pull Down for Waste Types		

Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. **Note:** Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.